

REMARKS

Applicants respectfully request reconsideration of the present U.S. Patent application.
Claims 56-114 are pending.

Claim Rejections - 35 U.S.C. § 102

Claims 56-114 are rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,141,567 issued to Youssefmir et al.

Claim 56 recites the following:

computing a smart antenna processing strategy for a remote user, based at least in part on received signal data; and
modifying the antenna processing strategy by **incorporating signature data relating to one or more interferers** with the received signal data to reduce one or both of antenna transmit signal strength in, and sensitivity of the antenna to signals from, one or more interferers.

Thus, Applicants claim computing a processing strategy for a remote user, the strategy being modified by incorporating signature data relating to interferers. Claims 80 and 104 similarly recite incorporating signature data relating to interferers to modify the antenna processing strategy.

Youssefmir discloses an apparatus and method for beamforming. When processing received signals, Youssefmir modifies an existing processing scheme by incorporating information about a second set of signals for which training and other characteristic information is unknown to information about a first set of signals for which such characteristic information is known. See col. 3, lines 35 to 40. Youssefmir does not disclose modifying an antenna processing strategy by incorporating interferer signature data. This limitation is recited in claims 56, 80, and 104. Therefore, Applicants submit that claims 56, 80, and 104 are not anticipated by Youssefmir.

Claims 57-79, 81-103, and 105-114 are dependent claims, and therefore include the limitations of their independent base claims in addition to adding further limitations of their own. Therefore, Applicants submit that claims 57-79, 81-103, and 105-114 are not anticipated by Youssefmir for at least the reasons set forth above.

Conclusion

In view of the remarks set forth above, Applicants submit that claims 56-114 are in condition for allowance and such action is respectfully solicited. The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,
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Date: 7/24/03

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